



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

February 9, 2010

Mr. Ed Peresie  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn (3AT23)

Assistant Council  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Steve Hepler

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 09-0526  
ACHD Reference Number: 11700; 11701  
#2 Control Room  
USS Clairton Works

Gentlemen:

The attached form terminates the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Mark G. Tabler  
Plant Manager  
Clairton Works

**NOTICE OF OUTAGE OF EQUIPMENT**  
**ARTICLE XXI - SECTION 2108.1**

1. **USS Reference Number:** 09-0526 Termination  
**ACHD Reference Number:** 11700; 11701
2. **Date & Time of Breakdown:** Date: 09/03/09 Time: 1130 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** #2 Control Room Main Regenerators
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** A explosion/fire at a cold box resulted in the shutdown of the #2 Control Room. As a result, un-desulfurized gas was released to the underfiring and down-river (Clairton boilers, Irvin and Edgar Thomson users) gas systems. The 40 grain limit was exceeded.
8. **Identification of Emissions:**
  - A. **Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)**  
Elevated H<sub>2</sub>S in the down-river and under-firing gas line systems, causing increased SO<sub>2</sub>, particulate and VOC emissions at points of combustion.
  - B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** SO<sub>2</sub> and particulate matter are and VOC could be an eye, nose, and throat irritant.
  - C. **Amount of each type emitted (or likely to be emitted).**  
Light to moderate
9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**  
An incident investigation is in progress. A repair and start-up plan will be developed based on the results of the incident investigation. Ambient air quality is being monitored.
10. **Facility back in operation - Date:** 01/27/10 **Time:** 0800 hours

Signature Coleen M. Davis Date 2-9-10  
Coleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015